

Name: \_\_\_\_\_

**p1106: Solve by factoring (v3)**

1. Solve the equation

$$x^2 + x - 56 = 0$$

2. Solve the equation

$$x^2 + 16x + 64 = 0$$

3. Solve the equation

$$3x^2 + 26x + 80 = 2x^2 + 9x + 8$$

4. Solve the equation

$$8x^2 + 5x - 46 = 7x^2 + 6x - 4$$

5. Solve the equation

$$3x^2 - 16x + 53 = 2x^2 - x - 1$$

6. Solve the equation

$$11x^2 - 7x - 4 = 0$$

7. Solve the equation

$$5x^2 + 22x + 8 = 0$$

8. Solve the equation

$$7x^2 - 45x - 37 = 2x^2 - 9x - 5$$

9. Solve the equation

$$10x^2 + 20x - 55 = 7x^2 + 3x + 1$$

10. Solve the equation

$$13x^2 - 112x + 68 = 2x^2 - 5x - 4$$